Application Number : 10/701,404   Confirmation Number: 6346
Applicant   : Benjamin Wilken et al.
Filed   : 3 November 2003
T.C./A.U.   : 2431
Examiner   : Squires, Brett S.
Docket Number   : RIV-0490
Customer No.   : 22835

Interview Summary
Via Electronic Filing

INTERVIEW SUMMARY

Date of Interview

07 April 2009

Attendants

Examiner Brett Squires
Shun Yao, Reg. Number 59,242

Identification of Claims and Reference Discussed

Claim(s) for discussion: Claim 1.

Reference(s) for discussion: Pruthi.

Proposed Amendment:

In view of the telephone conference scheduled on 07 April 2009, Applicant kindly asks Examiner to consider the following proposed amendment. Applicant has re-written claim 1 with more clarification based on the allowable subject matter.

1   1. (Currently amended) A computer implemented method of detecting
2   scanning attacks, comprises:

3   adding host-pair ~~connection~~ records to a ~~connection table~~first data

4   structure stored on a computer readable medium when a host accesses another

5   host during a first update period;

6   ~~at the end of a first update period, accessing the connection table to~~

7   ~~determine new host pairs;~~ determining the number of new host pairs added to the

8   ~~connection table~~first data structure over the first update period; ~~and~~

9   aggregating records from the first data structure into a second data

10   structure which corresponds to a second update period that is greater than the first

11   update period;

12   determining the number of new host pairs added to the second data

13   structure over the second update period; and

14   indicating a host as a scanner when at least one of the following

15   conditions is true:

16   (1) ~~if a~~the host ~~has made~~appears in more than a first threshold number

17   "C1" host pairs within the first update period, and ~~an~~a historical number of host

18   pairs is smaller than the first threshold number by a first factor value "C2;" and

19   ~~, then~~

20   (2) the host appears in more than a second threshold number "C4" host

21   pairs within the second update period, and a historical number of host pairs is

22   smaller than the second threshold number by a first factor value "C5."

Outcome of Interview

Examiner indicated that "host-pair connection record" would be more clear and that the terms "C1," "C2," "C4," and "C5" could be confusing. Examiner indicated that a new search would be conducted after a formal response is filed.

Respectfully submitted,

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Date: 20 April 2009

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